F

PAGE

Farr, W. W.: Recent Material Developments for Aircraft Glazing 169
Ferris, R. B. and G. B. Waterman: A Progress Report on the Canadian Aeronautical Engineer . . . 100
Field Data Analysis: B. Larmour and J. E. Neelin . 187
Film List 264
Foottit, H. R.: The Time Factor in Aircraft Development 21

G

Gas Turbine, The Birth and Evolution of the: V. E. Crompton 259, 308, 372
Gibson, G. R.: Jet Engine Noise and Associated Problems 284
Glazing, Recent Material Developments for Aircraft: W. W. Farr 169
Gliding Championships, World: J. W. Ames . . . 317

H

Hanchet, W. H. D.: Summary of the 12th Annual National Forum of the American Helicopter Society 180
Harper, E. D.: Aircrew Recovery from Airborne Mishaps 151
Hendrick, M. M.: The R.C.A.F.—Technology on Active Service 181
High Temperatures, Experiment and Theory in the Investigation of the Behavior of Structures at: N. J. Hoff 49
Highly Efficient Aeroplane, The Problem of the Very Light-Weight: B. S. Shenstone 83
Higman, R. J.: Economy Tooling 115
Hoff, N. J.: Experiment and Theory in the Investigation of the Behavior of Structures at High Temperatures 49
Hossack, W. R.: Operations Research and the Canadian Aircraft Industry 314
Huddie, D. P.: The Development of Rolls-Royce Propeller Turbine Engines 299

I

Inter-Industry Relations of the Air Transport Industry: A. Jaworski 329
Introduction to Aeroelasticity, An: B. J. Kaganov . 164
Investigation, Aircraft Accident: R. C. Davis . . 25
Investigation of the Behavior of Structures at High Temperatures, Experiment and Theory in the: N. J. Hoff 49
Investigation of the Surface Roughness on the Drag, An Experimental: J. H. T. Wade 291
Irbitis, K. and F. C. Phillips: Lift and Thrust Creating Systems—Their Application to Short- and Vertical-Takeoff Aircraft 235

J

Jaworski, A.: Inter-Industry Relations of the Air Transport Industry 329
Jeffery, C. B.: Soaring in Canada 247
Jet Engine Noise and Associated Problems: G. R. Gibson 284

K

Kaganov, B. J. An Introduction to Aeroelasticity . 164
Keast, F. H.: Choice of Design for an Advanced Turbojet 322

L

PAGE

Larmour, B. and J. E. Neelin: Field Data Analysis . 187
Larsson, K. H.: Turbine-Powered Aircraft for the Future 366
Lift and Thrust Creating Systems—Their Application to Short- and Vertical-Takeoff Aircraft: F. C. Phillips and K. Irbitis 235
Light-Weight Highly Efficient Aeroplane, The Problem of the: B. S. Shenstone 83
Loudon, T. R.: Engineering Training 129

M

Mach 2 Fighter, Some Performance Problems Associated with the: J. Morris 358
Machining Approach to Aircraft Production: H. F. Young 252
Maintenance, The R.C.A.F. Approach to Aircraft: W. F. Delaney 57
Mandl, P. and H. T. Stevinson: A Repeating Parachute 60
Marsden, K. E.: Continuous Airworthiness . . . 364
Material Developments for Aircraft Glazing, Recent: W. W. Farr 169
Metal Bonding of Assemblies for the Canadair CL-28 Maritime Reconnaissance Airplane, The: J. J. Waller 122
Military Aircraft, Thrust Augmentation for: W. H. Casley 78
Morris, J.: Some Performance Problems Associated with the Mach 2 Fighter 358
Museum, Alexander Graham Bell 234

N

Neelin, J. E. and B. Larmour: Field Data Analysis . 187
Noise and Associated Problems, Jet Engine: G. R. Gibson 284
Noise in the Interior of Aircraft, Boundary-layer-induced: H. S. Ribner 350

O

Operational Considerations, The Comet 4—Design and: R. E. Bishop and J. Cunningham 197
Operations Research and the Canadian Aircraft Industry: W. R. Hossack 314
Optimum Structural Design of Wing Box Beams: S. Bernstein 91

P

Parachute, A Repeating: H. T. Stevinson and P. Mandl 60
Parkin, J. H.: Wallace Rupert Turnbull 1870-1954, Canadian Pioneer of Scientific Aviation . . . 3, 39
Performance Problems Associated with the Mach 2 Fighter, Some: J. Morris 358
Phillips, F. C. and K. Irbitis: Lift and Thrust Creating Systems—Their Application to Short- and Vertical-Takeoff Aircraft 235
Problem of the Very Light-Weight Highly Efficient Aeroplane, The: B. S. Shenstone 83
Production, Machining Approach to Aircraft: H. F. Young 252
Progress Report on the Canadian Aeronautical Engineer, A: R. B. Ferris and G. B. Waterman . 100
Propeller Turbine Engines, The Development of Rolls-Royce: D. P. Huddie 299

R

PAGE

R.C.A.F. Approach to Aircraft Maintenance, The: W. F. Delaney 57
R.C.A.F.–Technology on Active Service, The: M. M. Hendrick 181
Recent Material Developments for Aircraft Glazing: W. W. Farr 169
Recovery from Airborne Mishaps, Aircrew: E. D. Harper 151
Reheat Turbojet Flight Testing 276
Repeating Parachute, A: H. T. Stevinson and P. Mandl 60
Report on the Canadian Aeronautical Engineer, A Progress: R. B. Ferris and G. B. Waterman . . 100
Ribner, H. S.: Boundary-layer-induced Noise in the Interior of Aircraft 350
Riddell, A. W.: Record Soaring Flight in Canada . 307

S

Shenstone, B. S.: The Problem of the Very Light-Weight Highly Efficient Aeroplane 83
Short- and Vertical-Takeoff Aircraft, Lift and Thrust Creating Systems–Their Application to: F. C. Phillips and K. Irbitis 235
Soaring Flight in Canada, Record: A. W. Riddell . 307
Soaring in Canada: C. B. Jeffery 247
Some Aerodynamic Studies in the C.A.R.D.E. Aeroballistics Range: G. V. Bull 154
Some Performance Problems Associated with the Mach 2 Fighter: J. Morris 358
Stevinson, H. T. and P. Mandl: A Repeating Parachute 60
Structural Design of Wing Box Beams, Optimum: S. Bernstein 91
Structures at High Temperatures, Experiment and Theory in the Investigation of the Behavior of: N. J. Hoff 49
Summary of the 12th Annual National Forum of the American Helicopter Society: W. H. D. Hanchet 180
Surface Roughness, An Experimental Investigation of the Effects of: J. H. T. Wade 291

T

T.C.A.'s Viscount Operation: B. W. Torell . . . 135
Technical Forum:
Air Traffic Control: J. R. K. Main 372
Birth and Evolution of the Gas Turbine, The: J. H. Parkin 308
Birth and Evolution of the Gas Turbine, The: B. S. Shenstone 372
On Titles: C. H. Skelton 308
Record Soaring Flight in Canada: A. W. Riddell 307
Technology on Active Service, the R.C.A.F.: M. M. Hendrick 181
Thrust Augmentation for Military Aircraft: W. H. Casley 78
Thrust Creating Systems–Their Application to Short- and Vertical-Takeoff Aircraft, Lift and: F. C. Phillips and K. Irbitis 235
Time Factor in Aircraft Development, The: H. R. Foottit 21
Tooling, Economy: R. J. Higman 115
Torell, B. W.: T.C.A.'s Viscount Operation . . . 135
Training, Engineering: T. R. Loudon 129
Transport Aircraft, Airline Evaluation of: A. E. Ades 277
Turbine-Powered Aircraft for the Future: K. H. Larsson 366
Turbine, The Birth and Evolution of the Gas: V. E. Crompton 259
Turbojet, Choice of Design for an Advanced: F. H. Keast 322
Turbojet Flight Testing, Reheat 276
Turnbull 1870-1954, Canadian Pioneer of Scientific Aviation, Wallace Rupert: J. H. Parkin . . . 3, 39

V

Venturi Bleed-off: H. Aass 150
Vertical-Takeoff Aircraft, Lift and Thrust Creating Systems–Their Application to Short- and: F. C. Phillips and K. Irbitis 235
Viscount Operation, T.C.A.'s: B. W.Torell . . . 135

W

Wade, J. H. T.: An Experimental Investigation of the Effect of Surface Roughness on the Drag of a Cone-Cylinder Model at a Mach Number of 2.48 . . 291
Waller, J. J.: The Metal Bonding of Assemblies for the Canadair CL-28 Maritime Reconnaissance Airplane 122
W. Rupert Turnbull Lecture: Wallace Rupert Turnbull 1810-1954, Canadian Pioneer of Scientific Aviation: J. H. Parkin . . 3, 39
Waterman, G. B. and R. B. Ferris: A Progress Report on the Canadian Aeronautical Engineer . . . 100
Wing Box Beams, Optimum Structural Design of: S. Bernstein 91
World Gliding Championships: J. W. Ames . . . 317

Y

Young, H. F.: Machining Approach to Aircraft Production 252

PAGE
78
235
21
115
135
129
277
366
259
322
276
3, 39
150
235
135
291
122
3, 39
100
91
317
252